

May 07, 2019

Brett Bowyer  
Bowyer Environmental Consulting, Inc.  
17011 Beach Blvd  
Suite 900  
Huntington Beach, CA 92647  
TEL: 877 232 4620  
FAX:

Workorder No.: N035392

RE: 210 Slauson, 580101

Enclosed are the results for sample(s) received on May 02, 2019 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

for  


Puri Romualdo  
Laboratory Director

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AN ISO 17025 CERTIFIED LABORATORY

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CALIFORNIA | P: 562.219.7435 F: 562.219.7436  
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NEVADA | P: 702.307.2659 F: 702.307.2691  
3151 W. Post Rd., Las Vegas, NV 89118  
ELAP Cert 2676 | NV Cert NV00922  
ORELAP/NELAP Cert 4046

**CLIENT:** Bowyer Environmental Consulting, Inc.**Project:** 210 Slauson, 580101**Lab Order:** N035392**CASE NARRATIVE****SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

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## ASSET Laboratories

Date: 07-May-19

**CLIENT:** Bowyer Environmental Consulting, Inc.

**Project:** 210 Slauson, 580101

**Lab Order:** N035392

**Contract No:**

### Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Matrix | Collection Date      | Date Received | Date Reported |
|---------------|------------------|--------|----------------------|---------------|---------------|
| N035392-001A  | SW-D-Comp        | Solid  | 4/18/2019 8:30:00 AM | 5/2/2019      | 5/7/2019      |
| N035392-002A  | SW-B-Comp        | Solid  | 4/18/2019 9:24:00 AM | 5/2/2019      | 5/7/2019      |



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## ASSET Laboratories

## ANALYTICAL RESULTS

Print Date: 07-May-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-Comp

Lab Order: N035392

Collection Date: 4/18/2019 8:30:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035392-001

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|------|-------|----|---------------|
|----------|--------|-----|------|-------|----|---------------|

## VOLATILE ORGANIC COMPOUNDS BY TCLP EXTRACTION

## EPA 1311/ 8260B

|                             |                    |                    |              |   |                   |
|-----------------------------|--------------------|--------------------|--------------|---|-------------------|
| RunID: MS8_190503A          | QC Batch: R19VW043 | PrepDate: 5/2/2019 | Analyst: QBM |   |                   |
| Benzene                     | 0.073              | 0.0050             | mg/L         | 1 | 5/3/2019 05:02 PM |
| Surr: 1,2-Dichloroethane-d4 | 96.2               | 75-130             | %REC         | 1 | 5/3/2019 05:02 PM |
| Surr: 4-Bromofluorobenzene  | 95.0               | 80-120             | %REC         | 1 | 5/3/2019 05:02 PM |
| Surr: Dibromofluoromethane  | 100                | 80-128             | %REC         | 1 | 5/3/2019 05:02 PM |
| Surr: Toluene-d8            | 103                | 80-120             | %REC         | 1 | 5/3/2019 05:02 PM |

|             |    |  |    |  |
|-------------|----|--|----|--|
| Qualifiers: | B  | Analyte detected in the associated Method Blank              | E  | Value above quantitation range             |
|             | H  | Holding times for preparation or analysis exceeded           | ND | Not Detected at the Reporting Limit        |
|             | S  | Spike/Surrogate outside of limits due to matrix interference |    | Results are wet unless otherwise specified |
|             | DO | Surrogate Diluted Out  |    |  |



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## ASSET Laboratories

## ANALYTICAL RESULTS

Print Date: 07-May-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-Comp

Lab Order: N035392

Collection Date: 4/18/2019 9:24:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035392-002

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|------|-------|----|---------------|
|----------|--------|-----|------|-------|----|---------------|

## VOLATILE ORGANIC COMPOUNDS BY TCLP EXTRACTION

## EPA 1311/ 8260B

|                             |                    |                    |              |   |                   |
|-----------------------------|--------------------|--------------------|--------------|---|-------------------|
| RunID: MS8_190503A          | QC Batch: R19VW043 | PrepDate: 5/2/2019 | Analyst: QBM |   |                   |
| Benzene                     | ND                 | 0.0050             | mg/L         | 1 | 5/3/2019 04:36 PM |
| Surr: 1,2-Dichloroethane-d4 | 109                | 75-130             | %REC         | 1 | 5/3/2019 04:36 PM |
| Surr: 4-Bromofluorobenzene  | 99.9               | 80-120             | %REC         | 1 | 5/3/2019 04:36 PM |
| Surr: Dibromofluoromethane  | 113                | 80-128             | %REC         | 1 | 5/3/2019 04:36 PM |
| Surr: Toluene-d8            | 108                | 80-120             | %REC         | 1 | 5/3/2019 04:36 PM |

|             |    |  |    |  |
|-------------|----|--|----|--|
| Qualifiers: | B  | Analyte detected in the associated Method Blank              | E  | Value above quantitation range             |
|             | H  | Holding times for preparation or analysis exceeded           | ND | Not Detected at the Reporting Limit        |
|             | S  | Spike/Surrogate outside of limits due to matrix interference |    | Results are wet unless otherwise specified |
|             | DO | Surrogate Diluted Out  |    |  |



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"Serving Clients with Passion and Professionalism"

CLIENT: Bowyer Environmental Consulting, Inc.

Work Order: N035392

Project: 210 Slauson, 580101

## ANALYTICAL QC SUMMARY REPORT

TestCode: 8260\_TC

|                              |                           |                             |                    |                                |                       |          |           |             |      |          |      |
|------------------------------|---------------------------|-----------------------------|--------------------|--------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: <b>R190503LCS</b> | SampType: <b>LCS</b>      | TestCode: <b>8260_TC</b>    | Units: <b>mg/L</b> | Prep Date:                     | RunNo: <b>133666</b>  |          |           |             |      |          |      |
| Client ID: <b>LCSS</b>       | Batch ID: <b>R19VW043</b> | TestNo: <b>EPA 1311/ 82</b> |                    | Analysis Date: <b>5/3/2019</b> | SeqNo: <b>3375001</b> |          |           |             |      |          |      |
| Analyte                      | Result                    | PQL                         | SPK value          | SPK Ref Val                    | %REC                  | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|                             |       |        |         |   |      |    |     |  |  |  |  |
|-----------------------------|-------|--------|---------|---|------|----|-----|--|--|--|--|
| Benzene                     | 0.021 | 0.0050 | 0.02000 | 0 | 104  | 80 | 120 |  |  |  |  |
| Surr: 1,2-Dichloroethane-d4 | 0.025 |        | 0.02500 |   | 99.4 | 75 | 130 |  |  |  |  |
| Surr: 4-Bromofluorobenzene  | 0.025 |        | 0.02500 |   | 101  | 80 | 120 |  |  |  |  |
| Surr: Dibromofluoromethane  | 0.026 |        | 0.02500 |   | 103  | 80 | 128 |  |  |  |  |
| Surr: Toluene-d8            | 0.026 |        | 0.02500 |   | 103  | 80 | 120 |  |  |  |  |

|                               |                           |                             |                    |                                |                       |          |           |             |      |          |      |
|-------------------------------|---------------------------|-----------------------------|--------------------|--------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: <b>R190503LCSD</b> | SampType: <b>LCSD</b>     | TestCode: <b>8260_TC</b>    | Units: <b>mg/L</b> | Prep Date:                     | RunNo: <b>133666</b>  |          |           |             |      |          |      |
| Client ID: <b>LCSS02</b>      | Batch ID: <b>R19VW043</b> | TestNo: <b>EPA 1311/ 82</b> |                    | Analysis Date: <b>5/3/2019</b> | SeqNo: <b>3375002</b> |          |           |             |      |          |      |
| Analyte                       | Result                    | PQL                         | SPK value          | SPK Ref Val                    | %REC                  | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|                             |       |        |         |   |      |    |     |         |      |    |  |
|-----------------------------|-------|--------|---------|---|------|----|-----|---------|------|----|--|
| Benzene                     | 0.020 | 0.0050 | 0.02000 | 0 | 102  | 80 | 120 | 0.02088 | 2.37 | 20 |  |
| Surr: 1,2-Dichloroethane-d4 | 0.025 |        | 0.02500 |   | 98.8 | 75 | 130 |         | 0    |    |  |
| Surr: 4-Bromofluorobenzene  | 0.026 |        | 0.02500 |   | 103  | 80 | 120 |         | 0    |    |  |
| Surr: Dibromofluoromethane  | 0.025 |        | 0.02500 |   | 101  | 80 | 128 |         | 0    |    |  |
| Surr: Toluene-d8            | 0.026 |        | 0.02500 |   | 103  | 80 | 120 |         | 0    |    |  |

|                              |                           |                             |                    |                                |                       |          |           |             |      |          |      |
|------------------------------|---------------------------|-----------------------------|--------------------|--------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: <b>R190503MB3</b> | SampType: <b>MBLK</b>     | TestCode: <b>8260_TC</b>    | Units: <b>mg/L</b> | Prep Date:                     | RunNo: <b>133666</b>  |          |           |             |      |          |      |
| Client ID: <b>PBS</b>        | Batch ID: <b>R19VW043</b> | TestNo: <b>EPA 1311/ 82</b> |                    | Analysis Date: <b>5/3/2019</b> | SeqNo: <b>3375005</b> |          |           |             |      |          |      |
| Analyte                      | Result                    | PQL                         | SPK value          | SPK Ref Val                    | %REC                  | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|                             |       |        |         |  |      |    |     |  |  |  |  |
|-----------------------------|-------|--------|---------|--|------|----|-----|--|--|--|--|
| Benzene                     | ND    | 0.0050 |         |  |      |    |     |  |  |  |  |
| Surr: 1,2-Dichloroethane-d4 | 0.027 |        | 0.02500 |  | 107  | 75 | 130 |  |  |  |  |
| Surr: 4-Bromofluorobenzene  | 0.024 |        | 0.02500 |  | 95.1 | 80 | 120 |  |  |  |  |
| Surr: Dibromofluoromethane  | 0.027 |        | 0.02500 |  | 109  | 80 | 128 |  |  |  |  |
| Surr: Toluene-d8            | 0.026 |        | 0.02500 |  | 102  | 80 | 120 |  |  |  |  |

## Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Bowyer Environmental Consulting, Inc.  
Work Order: N035392  
Project: 210 Slauson, 580101

## ANALYTICAL QC SUMMARY REPORT

TestCode: 8260\_TC

| Sample ID: <b>MB-73685</b>  | SampType: <b>MBLK</b>     | TestCode: <b>8260_TC</b>    | Units: <b>mg/L</b> | Prep Date: <b>5/2/2019</b>     | RunNo: <b>133666</b>  |          |           |             |      |          |      |
|-----------------------------|---------------------------|-----------------------------|--------------------|--------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>R19VW043</b> | TestNo: <b>EPA 1311/ 82</b> |                    | Analysis Date: <b>5/3/2019</b> | SeqNo: <b>3375006</b> |          |           |             |      |          |      |
| Analyte                     | Result                    | PQL                         | SPK value          | SPK Ref Val                    | %REC                  | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Benzene                     | ND                        | 0.0050                      |                    |                                |                       |          |           |             |      |          |      |
| Surr: 1,2-Dichloroethane-d4 | 0.271                     |                             | 0.2500             |                                | 108                   | 75       | 130       |             |      |          |      |
| Surr: 4-Bromofluorobenzene  | 0.235                     |                             | 0.2500             |                                | 93.9                  | 80       | 120       |             |      |          |      |
| Surr: Dibromofluoromethane  | 0.282                     |                             | 0.2500             |                                | 113                   | 80       | 128       |             |      |          |      |
| Surr: Toluene-d8            | 0.264                     |                             | 0.2500             |                                | 105                   | 80       | 120       |             |      |          |      |

### Qualifiers:

B Analyte detected in the associated Method Blank  
ND Not Detected at the Reporting Limit  
DO Surrogate Diluted Out

E Value above quantitation range  
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded  
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values



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DRELAP/RELAP Cert 4046

## AssetLabs Sample Control

---

**From:** Marianne Santos <marianne@assetlaboratories.com>  
**Sent:** Thursday, May 02, 2019 3:49 PM  
**To:** 'AssetLabs Sample Control'  
**Cc:** 'Yoandra Rodriguez'  
**Subject:** FW: 210 W. Slauson

Hi,

Please see client's response.

Thanks,

**Marianne Santos**

Project Manager

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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---

**From:** Brett Bowyer [mailto:brettbowyer@bowyerenvironmental.com]  
**Sent:** Thursday, May 2, 2019 3:47 PM  
**To:** Thad Malit  
**Cc:** Marianne Santos; Alan Malagon  
**Subject:** RE: 210 W. Slauson

Please go ahead and do the TCLP for benzene of the two samples with a three day turnaround.

Thanks.

Brett Bowyer, P.G.



**BOWYER ENVIRONMENTAL  
CONSULTING, INC.**

17011 Beach Boulevard, Suite 900  
Huntington Beach, CA 92647  
Office: (877) 232-4620 Ext. 101  
Cell: (714) 878-7191  
FAX: (714) 494-1912

To send large files to Brett Bowyer through the BEC drop box click on the following link:

<https://spaces.hightail.com/uplink/BECdropbox>

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## ASSET Laboratories

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

### Change Order Checklist

Client Name: **BOWEN01**

Date / Time Created: **5/2/2019 6:39:12 PM**

Work Order Number: **N035392**

Created by: **YR**

|                         |            |                 |              |            |               |
|-------------------------|------------|-----------------|--------------|------------|---------------|
| Checklist completed by: | <u>YRJ</u> | <u>5/2/2019</u> | Reviewed by: | <u>MCS</u> | <u>5/6/19</u> |
|                         | Signature  | Date            |              | Initials   | Date          |

- |  |   |                             |
|--|---|-----------------------------|
| 1. All samples within holding time?        | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 2. Refrigerator temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 3. Change Order documents present?         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

-----

Comments:

## ASSET Laboratories

### WORK ORDER Summary

02-May-19

**WorkOrder:** N035392

**Client ID:** BOWEN01

**Project:** 210 Slauson, 580101

**QC Level:** RTNE

**Date Received:** 5/2/2019

**Comments:** 2nd Addendum WO for N035205

| Sample ID    | Client Sample ID | Date Collected       | Date Due | Matrix | Test No         | Test Name                                     | Hld                      | MS                       | Sub                      | Storage |
|--------------|------------------|----------------------|----------|--------|-----------------|---|--------------------------|--------------------------|--------------------------|---------|
| N035392-001A | SW-D-Comp        | 4/18/2019 8:30:00 AM | 5/7/2019 | Solid  | EPA 1311        | TCLP ZHE (GC-GC/MS Vol extraction)            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | WS      |
|              |                  |                      | 5/7/2019 |        | EPA 1311/ 8260B | VOLATILE ORGANIC COMPOUNDS BY TCLP EXTRACTION | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | WS      |
| N035392-002A | SW-B-Comp        | 4/18/2019 9:24:00 AM | 5/7/2019 |        | EPA 1311        | TCLP ZHE (GC-GC/MS Vol extraction)            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | WS      |
|              |                  |                      | 5/7/2019 |        | EPA 1311/ 8260B | VOLATILE ORGANIC COMPOUNDS BY TCLP EXTRACTION | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | WS      |
| N035392-003A | FOLDER           | 5/7/2019             | 5/7/2019 |        | Folder          | Folder  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | LAB     |
|              |                  |                      | 5/7/2019 |        | Folder          | Folder  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | LAB     |